

Dummond

DENR USE ONLY

 Paper Report Electronic Data - Email CD (data loaded: Yes / No)

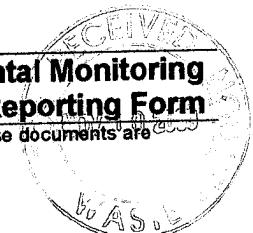
Doc/Event #:

NC DENR

Division of Waste Management - Solid Waste

Environmental Monitoring
Reporting Form

Notice: This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).



Instructions:

- Prepare one form for each individually monitored unit.
- Please type or print legibly.
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i)).
- Send the original signed and sealed form, any tables, and Electronic Data Deliverable to: Compliance Unit, NCDENR-DWM, Solid Waste Section, 1648 Mail Service Center, Raleigh, NC 27699-1646.

Solid Waste Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

Environment One Inc.

Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Chad Allen Phone: (252) 473-6415 office (252) 216-6898
 E-mail: Chada@darenc.com

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Dare County (East Lake Landfill)	Hwy 264 East Lake	2802	.1600	August 26, 2009

Environmental Status: (Check all that apply)

Initial/Background Monitoring Detection Monitoring Assessment Monitoring Corrective Action

Type of data submitted: (Check all that apply)

Groundwater monitoring data from monitoring wells
 Groundwater monitoring data from private water supply wells
 Leachate monitoring data
 Surface water monitoring data

Methane gas monitoring data
 Corrective action data (specify) _____
 Other(specify) _____

Notification attached?

- No. No groundwater or surface water standards were exceeded.
- Yes, a notification of values exceeding a groundwater or surface water standard is attached. It includes a list of groundwater and surface water monitoring points, dates, analytical values, NC 2L groundwater standard, NC 2B surface water standard or NC Solid Waste GWPS and preliminary analysis of the cause and significance of any concentration.
- Yes, a notification of values exceeding an explosive methane gas limit is attached. It includes the methane monitoring points, dates, sample values and explosive methane gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

Chad Allen Dare County Wastewater Dept.

(252) 473-6415

Facility Representative Name (Print)

Title

(Area Code) Telephone Number

Affix NC Licensed/ Professional Geologist Seal

Signature

11/6/09

Date

PO Box 1000 Manteo, NC 27954

Facility Representative Address

NC PE Firm License Number (If applicable effective May 1, 2009)

Revised 6/2009

**Table of Values Which Exceed Established Standards
And/Or Exceed Reporting Levels**

Facility Name: DARE CO. LANDFILL (EAST LAKE)

Permit #: 2802

Lah M# 6016

Collection Exceeds	Location	Date	Std	Parameter	CAS #	Result, ug/l	NC 2L	NC GWP	NC 2B
							STD **	STD **	SW5 **
Downstream		08/26/2009	Y	Selenium		7782-49-2	25		5
Downstream		08/26/2009	Zinc			7440-66-6	19		
Well #1 Deep		08/26/2009	Nickel			7440-02-0	90	100	
Well #1 Deep		08/26/2009	Zinc			7440-66-6	58	1050	
Well #1 Shallow		08/26/2009	Total Suspended Residue		SW343		30		
Well #1 Shallow		08/26/2009	Y Arsenic			7440-38-2	53	50	
Well #2 Deep		08/26/2009	Copper			7440-50-8	13	1000	
Well #2 Deep		08/26/2009	Y Nickel			7440-02-0	195	100	
Well #2 Deep		08/26/2009	Zinc			7440-66-6	563	1050	
Well #2 Shallow		08/26/2009	Total Suspended Residue		SW343		12		
Well #2 Shallow		08/26/2009	Barium			7440-39-3	123	2000	
Well #2 Shallow		08/26/2009	Y 1,2-Dichloroethane			107-06-2	2.30	0.38	
Well #2 Shallow		08/26/2009	Chlorobenzene			108-90-7	23.40	50	
Well #2 Shallow		08/26/2009	Y 1,4-Dichlorobenzene			106-46-7	3.50	1.4	
Well #3 Shallow		08/26/2009	Total Suspended Residue		SW343		4.7		
Well #3 Shallow		08/26/2009	Barium			7440-39-3	466	2000	
Well #3 Shallow		08/26/2009	Selenium			7782-49-2	15	50	
Well #4 Deep		08/26/2009	Zinc			7440-66-6	21	1050	
Well #4 Shallow		08/26/2009	Total Suspended Residue		SW343		19		
Well #4 Shallow		08/26/2009	Zinc			7440-66-6	13	1050	
Well #5 Deep		08/26/2009	Zinc			7440-66-6	20	1050	
Well #5 Shallow		08/26/2009	Total Suspended Residue		SW343		23		
Well #5 Shallow		08/26/2009	Arsenic			7440-38-2	11	50	
Well #5 Shallow		08/26/2009	Barium			7440-39-3	204	2000	

*** Note: NC 21. STD = NC 21 Ground Water Standard

S. 1000 - 1 -

NC GWPSID = NC Solid Waste Groundwater P

